476: Proceedings—Sixth Symposium on Computer Arithmetic, June 20-22, 1983—221 pp. Increasing international participation prompted the selection of Aarhus, Denmark, as the site of this symposium. Contributions from around the world (with a significant number from the US) explored topics such as numerical error control, language aspects, and methods from the field of symbolic and algebraic computations.

Nonmembers—$30.00 Members—$15.00

475: Proceedings—Computer Vision and Pattern Recognition Conference, June 19-23, 1983—559 pp. CVPR '83 (formerly the Pattern Recognition and Image Processing Conference) featured both technical papers and extended abstracts presented in daily poster sessions. The proceedings contain over 100 papers of both types on such topics as rectangualr coding for binary images, using quadtreess to represent polygonal maps, invariant numerical shape modeling, and testing for uniformity in multidimensional data.

Nonmembers—$60.00 Members—$30.00


Nonmembers—$24.00 Members—$12.00

487: Proceedings—Second International Conference Workshop on Picture Archiving and Communication Systems (PACS II) for Medical Applications, May 22-25, 1983—305 pp. This year's conference addressed the known and future system requirements for a PACS system, an area which is still a new field of computer networking for huge amounts of digital image data. The proceedings contain original works in the areas of acquisition, display, transmission, and archiving of digitally formatted diagnostic imaging examinations.

Nonmembers—$50.00 Members—$25.00

Recent publications...


Nonmembers—$33.00 Members—$16.50

471: Proceedings—13th International Symposium on Multiple-Valued Logic, May 23-25, 1983—432 pp. This symposium was the first gathering devoted to multiple-valued logic to be held in Japan, where M. Goto's pioneering work was done, and was dedicated to narrowing the gap between theory and practice. Over 68 papers were presented; they emphasize implementation and applications and include such topics as circuits and technology, charge-coupled devices and applications, systems design and applications, and detection and diagnosis.

Nonmembers—$50.00 Members—$25.00